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FIGURE 1A

CCTTCCTCTGTCTGTGTAAGATTCAACATTTTAATCAGTTAAATACTTTGTCCTCTTGTCTCTCCATCAGAAAGTAAATACATAAGAA

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                                                    30                60                90               120               150               180               210               240
M  R  Y  F  G  V  L  A  A  L  S  V  F  M  I  A  C  L  T  R  G  K  P  L  E  N  W  K  K
ATGCATTATTTTGGAGTATTAGCTGCACTGTCTGTTTCAATATCATTGCCTGCCTGACAAGAGGCAAGCCTTTGGAAACTGGAAAAG

L  P  V  M  E  E  S  D  A  F  F  H  D  P  G  E  V  E  H  D  T  H  F  D  F  K  S  F  L  E
CTACCAGTTATGGAAGAGTCTGATGCATTCTTTCATGATCCTGGGGAAGTGGAACATGACACCCACTTTGACTTTAAATCTTTCTTGGAG

N  M  K  T  D  L  L  R  S  L  N  L  S  R  V  P  S  Q  V  K  T  K  E  E  P  P  Q  F  M  I
AATATGAAGACAGATTACTTAGAAGTCTGAATTTATCAAGGGTCCCCTCACAAGTGAAGACCAAAGAGCCACCACAGTTCATGATT

D  L  Y  N  R  Y  T  A  D  K  S  S  I  P  A  S  N  I  V  R  S  F  S  T  E  D  V  V  S  L
GATTTATACAACAGATATACAGGGGACAAGTCCTCCATCCCTGCATCCAACATCGTGAGGAGCTTCAGCACTGAAGATGTTGTTTCTTTA

I  S  P  E  E  H  S  F  Q  K  H  I  L  L  F  N  I  S  I  P  R  Y  E  E  V  T  R  A  E  L
ATTTCACCAGAAGAACACTCATTTCAGAAACACATCTTGCTCTCTTCAACATCTCTATTCCACGATATGAGGAAGTCACCAGAGCTGAACTG

R  I  F  I  S  C  H  K  E  V  G  S  P  S  R  L  E  G  N  M  V  I  Y  D  V  L  D  G  D  H
AGAATCTTTATCTCCTGTCACAAGGAAGTTGGGTCTCCCTCCAGACTGGAAGGCAACATGGTCATTTATGATGTTCTAGATGGAGACCAT

W  E  N  K  E  S  T  K  S  L  L  V  S  H  S  I  Q  D  C  G  W  E  M  F  E  V  S  S  A  V
TGGGAAAACAAAGAAAGTACCAAATCTTTACTTGTCTCTCACAGTATTCAGGACTGTGGCTGGGAGATGTTTGAGGTGTCCAGCGCTGTG

K  R  W  V  K  A  D  K  M  K  T  K  N  K  L  E  V  V  I  E  S  K  D  L  S  G  F  P  C  G
AAAAGATGGGTCAAGGCAGCAGACAAGATGAAGACTAAAAACAAGCTAGAGGTTGTTATAGAGAGTAAGGATCTGAGTGGTTTCCTTGTGGG
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FIGURE 1B

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                                                                                           270
K   L   D   I   T   V   T   H   D   T   K   N   L   P   L   L   I   V   F   S   N   D   R   S   N   G   T   K   E   T
AAGCTGGATATTACTGTTACTCATGACACTAAAAATCTGCCCCTATTAATAGTGTTCTCCAATGACCGCAGCAAAAGAGACC

                                                                                   300
K   V   L   R   E   M   I   V   H   E   Q   E   S   V   L   N   K   L   G   K   N   D   S   S   E   E   E   Q
AAAGTGGAGCTCCGGGAGATGATTGTTCATGAACAGAGAAAGTGTCTAAACAAATTAGGAAAGAACGACTCTTCATCTGAAGAAGAACAG

                                          330
                                        *
R   E   E   K   A   I   A   R   P   R   Q   H   S   S   R S   I   G   A N H C   R   R   T   S   L
AGAGAAGAAAAGGCCATTGCTAGGCCCCGTCAGCATTCCTCCAGAAGCAAGAAGCATAGGAGCAAACCACTGTCGGAGAACGTCACTC

                                                                                   360
H   V   N   F   K   E   I   G   W   D   S   W   I   I   A   P   K   D   Y   E   A   F   E   C   K   G   G   C   F   F
CATGTGAACTTTAAAGAAATAGGTTGGGATTCTTGGATCATTGCACCCAAAGATTATGAGGCTTTTGAGTGTAAAGGAGGTTGCTTCTTC

                                                                                   390
P   L   T   D   N   V   T   P   T   K   H   A   I   V   Q   T   L   V   H   L   Q   N   P   K   K   A   S   K   A   C
CCCCTCACAGATAATGTTACGCCCAACAACATGCTATTGTCCAGACTCTGGTGCATCTCCAAACCCAAGAAGCTTCCAAGCCCTGT

                                                                                   420
C   V   P   T   K   L   D   A   I   S   I   L   Y   K   D   D   A   G   V   P   T   L   I   Y   N   Y   E   G   M   K
TGTGTTCCAACTAAATTGGATGCAATCTCTATTCTTTATAAGGATGATGCTGGTGTGCCCACTTTGATATATAACTATGAAGGGATGAAA

                    427
V   A   E   C   G   C   R
GTGGCAGAATGTGGCTGCAGGTAGTATATGCTGAATATCTAGAATATCTCTTTTCTGCTGTCTGTGAAACTGTACATTAGTGATGCAA

ATGAAAATCCTTGCAAACAAGGTTTGGAGCACGGCATGGGGGCTGGTTGTTGTTGCTGCTTTTAAAGGAAAGATGGCATTTAAAGAATGGC

AATCACTGTAAATACCCTGCATTATATACCATTAATTAAAACTTTGTGAGATTGAAAAAAAAAAAAAAAAAA
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